

PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT	ATTY. DOCKET NO. 21763.NP	SERIAL NO. 10/821,407
	APPLICANT Johnson et al.	
	FILING DATE 04-08-04	GROUP

U.S. PATENT DOCUMENTS


EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,662,222	05-05-87	Johnson, Steven A.		
	A2	5,588,032	12-24-96	Johnson et al.		
	A3	6,005,916	12-21-99	Johnson et al.		
	A4	6,587,540	07-1-03	Johnson et al.		
	A5	6,636,584	10-21-03	Johnson et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

A6	P.R. Williamson, "Tomographic inversion in reflection seismology," Geophys. J. Int. 100, pp. 255-274, 1990
A7	W.W. Kim, D.T. Borup, S.A. Johnson, M.J. Berggren, and Y. Ahou, "Accelerated Inverse Scattering Algorithms for Higher Contrast Objects," in 1987 IEEE Ultrasonics Symposium, 903-906, (IEEE Cat. No. 87ch2492-7)
A8	S.J. Norton, "Iterative Seismic Inversion," Geophysical Journal, No. 94, pp457-468 (1988)
A9	T.K. Sarkar, E. Arkas, and S.M. Rao (1986) "Application of FFT and the Conjugate Gradient Method for the Solution of Electromagnetic Radiation from Electrically Large and Small Conducting Bodies," IEEE Trans. Antennas Propagat., vol. AP-34, pp. 635-640, May.
A10	R.J. Wombel and M.A. Fiddy (1988), "Inverse Scattering Within the Distorted-wave Born Approximation," Inverse Problems 4 (1988).
A11	Y. Zhou, S.A. Johnson, M.J. Berggren, B. Carruth, and W.W. Kim, "Constrained Reconstruction of Object Acoustic Parameters from Noisy Ultrasound Scattering Data," Proc. of the IEEE 1987 Ultrasonics Symposium pp. 897-901 (1987).
A12	Kostas T. Ladas and A. J. Devaney, "Iterative Methods in Geophysical Diffraction Tomography," Inverse Problems 8 (1992).
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A14	Brent S. Robinson and James F. Greenleaf, "An Experimental Study of Diffraction Tomography Under the Born Approximation," Acoustical Imaging 18, No. 18, Jun. 1990.
A15	M.J. Berggren, S.A. Johnson, B.L. Carruth, W.W. Kim, F. Stenger and P.L. Kuhn, "Performance of Fast Inverse Scattering Solutions for the Exact Helmholtz Equation Using Multiple Frequencies and Limited Views," Acoustical Imaging 15, Halifax, Nova Scotia, Jul. 1986.
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				FILING DATE 07-07-03	GROUP
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<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.</p>					

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A17	E.J. Ayme-Bellegarda and T.M. Habashy, "Forward Ultrasonic Scattering from Multidimensional Solid or Fluids Inclusions Buried in Multilayered Elastic Structures," IEEE Trans. Ultras., Ferro., and Freq. Cont., vol 39, No. 1, Jan. 1992.
A18	E.J. Ayme-Bellegarda, and T.M. Habashy, "Ultrasonic Inverse Scattering of Multidimensional Objects Buried in Multilayered Elastic Background Structures," IEEE Trans. Ultras., Ferro, and Freq. Cont., vol 39, No. 1, Jan. 1992.
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A22	G.S. Pan, R.A. Phinney and R.I. Odom, "Full-waveform Inversion of Plane-wave Seismograms in Stratified Acoustic Media: Theory and Feasibility," Geophysics, vol. 53, 1 (1988).
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EXAMINER /Crystal Leach/	
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